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## Volume 31 - Issue 2 - Friday, September 8, 1995

Rose Thorn Staff

*Rose-Hulman Institute of Technology*, [library@rose-hulman.edu](mailto:library@rose-hulman.edu)

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# THE ROSE THORN

Vol. 31, No. 2

Rose-Hulman Institute of Technology

Friday, Sept. 8, 1995

## Rose selected as one of best college buys

by David Hile  
News Editor

Rose-Hulman has been selected as one of the top ten values in technological and scientific education in the nation.

*Money* magazine ranked Rose eighth in its yearly guide to the best buys in college education in the category of scientific and technical schools. California Institute of Technology was selected number one in this area.

In a separate survey, *U.S. News and World Report* also recommended Rose as a top school for science and engineering. The magazine listed Rose among

the top three specialty schools in engineering, along with Harvey Mudd and Cooper Union.

In addition to its ranking in science and engineering, *Money* magazine considered Rose the 24th best value in the Midwest among all schools. While not making the national *Money* Top 100, Rose was included in the fifty schools comprising the top 50 runners-up.

Coinciding with its list of best buys, *Money*, placed com-

puter science or engineering at the top of most rapidly growing occupations that require a college degree.

### *Money* magazine ranked Rose eighth in its yearly guide to the best buys in college.

*Money*, the nation's largest financial publication, considered sixteen elements during its selection process.

These categories included entrance exam results; faculty resources and deployment; library resources; instructional

and student services budgets; four-, five-, and six-year graduation rates and default ratios on graduates' student loans.

Finally, these elements were compared to each college's tuition and fees to determine a value rating.

For the third straight year, New College of South Florida, took top honors in the magazine's findings. Tuition rose \$7 for out-of-state freshmen in 1995-96 to \$7,950. In-state students can attend the Sarasota school for \$2,066, a \$36 increase over last

year. The remaining top ten consisted of Rice University, Northeast Missouri State, Trenton State College, California Institute of Technology, University of North Carolina-Chapel Hill, State University of New York at Binghamton, Spelman College, University of Illinois at Urbana-Champaign and State University of New York at Albany.

*U.S. News and World Report* based their results on a reputational survey of deans and administrators.

## Solar Phantom races to best finish in school history at Sunrayce

by Bob Flaherty  
Thorn Reporter

The Solar Phantom Team puts the spotlight on volunteers and sponsors Saturday as they honor those who helped make their participation in Sunrayce '95 possible.

Thirty-eight engineering schools competed in this biannual solar-powered race. This year's race visited Rose-Hulman at the end of the first day. This was the first time in Sunrayce history that a competing school had hosted an overnight stop.

Hundreds of people from the community showed up to support and cheer Rose's team on as they finished 14th after the first day of racing.

Saturday night, there will be an awards banquet to honor the Solar Phantom Team, volunteers and sponsors who helped make Rose-Hulman's Sunrayce '95 efforts successful. The recognition dinner begins at 7 p.m., with a reception at 6 p.m.

The Solar Phantom III, a newly-designed car for Sunrayce '95, finished in the highest position of any team in school history. Despite the rain

and lack of enthusiasm at the finish line in Golden, Colorado, the team placed 14th in the overall race, ahead of schools such as Purdue and Texas A&M.

The car performed well, with a total average speed of just over 19 mph. Only two minor mechanical failures slowed the team down during the nine-day race. Both of these problems were minor: a wire broke loose from the motor, and a fuse blew.

Massachusetts Institute of Technology finished the nine-day race ahead of the rest of the pack to finish first. The University of Michigan, the race's two-time defending champion, dropped out after the fourth day due to mechanical problems.

During qualification it was questionable whether the Solar Phantom would complete the required braking test because the brakes were calibrated for too little mass. For this test, the car must accelerate to 40 mph and then stop within a specified distance.

After three stressful attempts, the car satisfactorily tested its brakes and moved closer to qualifying for the



"Come on, Chris, slide over."

Jonathon Rich gives last minute instructions to driver Chris Myers before the day's race begins. SolarPhantom III finished 14th overall in Sunrayce '95.

File Photo

actual race. Next, the car was put to an endurance test. A minimum of 100 miles on an oval, amounting to 48 laps, needed to be completed in a specified time frame.

The car made the neces-

sary miles, managing 101 laps, and officially qualified. The effort placed Rose in the 17th position for the start of the race. By day three, the team had improved their position to 11th, finishing 10th on that

day.

The mechanical problems eventually slowed the team down. Over the last few days, the team lost ground and fell to 14th, where they remained until the end of the race.

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## "Saviors" arrive to assist admissions staff

by David Hile  
News Editor

"We're excited about this year's A-Team," commented Lisa Parker in a thankful tone as she discussed the importance of the student group.

The A-Team consists of nineteen Rose-Hulman students who assist the admissions department in giving campus tours and handling questions from visitors.

The program was started three years ago to improve

campus visitation efforts.

Thirteen new members, all sophomores and juniors, joined six returning members from last year's A-Team for a training period this week. This training was designed to prepare the students for questions they may be asked during visits. It also provided them with information they should pass along to prospective Rose students.

According to Lisa Parker, coordinator of this year's A-

Team staff, the training helps the team "interact with students and their families." This interaction includes making guests feel comfortable and warming up visitors so that they can get the most from tours and questions.

Parker admits that this would be difficult without student help. She explained that students can have more credibility than full-time staff because, having recently gone through the experience, they are familiar with the difficulty

in choosing a university and adjusting to college.

The fall quarter is a busy time for the A-Team staff because four of the five admissions counselors are on the road four days a week visiting area high schools and recruiting students off-campus.

With full-time staff away much of the time, the A-Team is asked to assist visitors with tours of campus and generally tell them about life and education. See "A-TEAM" page 3



**MEETINGS / GATHERINGS**

Sat., Sept. 9 — Solar Phantom/Sunrayce Recognition Dinner, Main Dining Room, 7 p.m.  
 Sun., Sept. 10 — Gun Club Safety Meeting, E-104, 7 p.m.  
 Tue., Sept. 12 — Film Class Presentation, "Citizen Kane," A-203, 7 p.m.  
 Wed., Sept. 13 — President's Administrative Council, PA Room, 8 a.m.  
 Thurs., Sept. 14 — ASME General Meeting  
 Thurs., Sept. 14 — Homecoming Banner/Cheer Applications Available at the Switchboard  
 Thurs., Sept. 14 — Master's Thesis Defense, Jurgen Rainer Spielvogel, O-205, 3:25 p.m.  
 Sat., Sept. 16 — Gun Club Range Work Day, Gun Club Room, 8 a.m.  
 Tue., Sept. 19 — Film Class Presentation, "Shanghai Express," A-203, 7 p.m.  
 Wed., Sept. 20 — President's Administrative Council, PA Room, 8 a.m.  
 Fri., Sept. 22 — Gun Club Range Setup, Gun Club Room, 3:30 p.m.

**SPORTS**

Fri., Sept. 8 — Hallympics  
 Sat., Sept. 9 — Football, at Millsaps College, Jackson, Miss., 12:30 p.m. (WSDM-AM 1130, 12:15 p.m.)  
 Sat., Sept. 9 — Cross Country, at Millikin Invitational, Decatur, Ill., 11 a.m.  
 Sat., Sept. 9 — Soccer, at Centre College, Danville, Ky., 4 p.m.  
 Sun., Sept. 10 — Soccer, at Centre College (vs. Transylvania Univ.), Danville, Ky., 4 p.m.  
 Wed., Sept. 13 — Soccer, at Earlham College, Richmond, 4 p.m.  
 Sat., Sept. 16 — Athletic Hall Of Fame Induction, E-104, 10:30 a.m.  
 Sat., Sept. 16 — Football, University Of The South, 1:30 p.m. (WSDM-AM 1130, 1:15 p.m.)  
 Sat., Sept. 16 — Cross Country, at Principia College Invitational, Elsah, Ill., 11 a.m.  
 Sat., Sept. 16 — Soccer, Univ. of Indianapolis, Jim Rendel Field, 11:30 a.m.  
 Sat., Sept. 23 — Soccer, at MacMurray College, Jacksonville, Ill., 11 a.m.  
 Sat., Sept. 23 — Gun Club, First Shooting Day, Gun Club Room, 8 a.m.

**ADDITIONALLY...**

Fri., Sept. 8 — Homecoming Queen Applications Available At Switchboard  
 Thurs., Sept. 14 — Volunteer Fair, Dede Plaza, ISU, 11 a.m.-2 p.m.  
 Fri., Sept. 15 — Admissions Office Open House, Moench Hall Auditorium, 1 p.m.  
 Sun., Sept. 17 — Rose Family Picnic, Lions Shelter No. 2, Deming Park, 5 p.m.  
 Mon., Sept. 18 — Army ROTC Rappelling/Confidence Course Exercises, Noon-4 p.m. (daily through Sept. 21)  
 Fri., Sept. 22 — Admissions Office Open House, Moench Hall Auditorium, 1 p.m.

**SUBMISSIONS  
TO CAMPUS EVENTS**

Events may be published in *Campus Events* by any organization or individual. Simple announcements of times and locations may be submitted to Campus Calendar, in care of Dale Long, associate director of communications, at Box 14 or extension 8418. More detailed articles containing plans, agendas, and specific information should be submitted to the *Rose Bush*, via Karen Pershing in the mailroom.

All submissions must be made by Wednesday, at noon, in order to be published in *Campus Events* in the *Rose Thorn* on Friday.

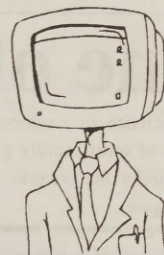
**Homecoming  
Queen Contest**

Entry forms and rules are available at the Union Office or by calling Todd Smaka at 877-2612.

Deadline: September 22, 1995

**ENTERTAINMENT / LEISURE**

Sun., Sept. 10 — Residence Hall Assoc. Movie, at St. Mary-of-the-Woods College  
 Sat., Sept. 16 — Educational Drama Workshop, "La Carpa," Featuring Shari Aronson, Moench Hall Auditorium, 8:30 p.m.  
 Sat., Sept. 23 — Fine Arts Series, "The Singing Hoosiers," Moench Hall Auditorium, 7:30 p.m.

**Association for  
Computing Machinery**

The Rose-Hulman chapter of the ACM invites students from any major who have an interest in computers and/or computer languages to attend its meeting on Tuesday, September 12, during 9th hour, in Olin 205.



**SAB Comedian John Heffron Performs Before A Standing Room Only Crowd**  
 Photo by Ben Jackson

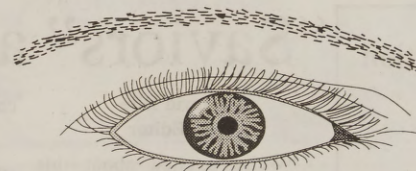
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 Rose-Hulman student newspaper staff.



# Chemistry department yields to Hessley's leadership

by David Hile  
News Editor

The chemistry department will react under new leadership this year as Rita Hessley steps into the position of chairperson.

Hessley, a physical organic chemist, brings seventeen years of teaching experience to Rose as she begins her first quarter at the Institute.

Hessley explained that enhancing the profile of the chemistry department will be one of her main goals as department chair. She believes that this will help boost the number of students pursuing a degree in chemistry.

"We need to make the program better known to undergraduates and the opportunities they have awaiting them," Hessley said.

In addition to outlining oppor-

tunities in chemistry, Hessley would like to see the faculty receive more attention and credit. She was quick to praise the abilities of the chemistry faculty whom she described as "very vigorous."

A plan that has been approved by Rose and has the interest of the department chair is the development of a graduate level program in chemistry.

Currently, there are no graduate students within the realm of the chemistry department.

Hessley attended Villa Maria in her hometown state of Pennsyl-



Rita Hessley has taken on the role of chemistry department chair. Hessley came to Rose from Western Kentucky where she taught for fourteen years.

photo by Ben Jackson

vania, where she studied chemistry as an undergraduate. Graduate studies led her to the University of Missouri-Rolla, where she earned both her Mas-

ter's and Ph.D. degrees. After this period, Hessley reentered the academic world at Western Kentucky in 1981. She remained at the university until coming to Rose this year to head the chemistry department.

ter's and Ph.D. degrees.

Shortly after completing her studies, Hessley went into teaching at Tennessee Technological University in Cookeville, Tennessee. She spent three years as an associate professor of chemistry before moving onto two years of post doctoral work.

Hessley began working at the University of Texas,

where she studied reaction kinetics and mechanistics. She also spent time in Tennessee at the Oak Ridge National Laboratory, where she studied the structure and reactivity of coal.

Outside of the classroom, Hessley is interested in music and outdoor activities. When not occupied with school or administrative work, Hessley enjoys playing the piano and finds time for tennis, hiking and other pursuits.

Besides her studies in chemistry, Hessley has received a Master's degree in theology from the University of Notre Dame. Her studies have included ethical and environmental issues in theology and other general topics.

## Senior civil engineering student honored with national scholarship

Rose-Hulman Institute of Technology senior civil engineering student David Wahman of Oldenburg has been awarded the \$2,500 Greiner, Inc. Scholarship from the American Consulting Engineers Council. It is one of nine national awards presented each year.

Wahman earlier received a \$2,000 scholarship from the Consulting Engineers of Indiana, Inc. His application was

then forwarded for consideration to the national scholarship committee.

Scholarship selection was based on academic performance, work experience, involvement in college activities, a faculty recommendation, and an essay.

Wahman is the son of David and Laverne Wahman of Oldenburg. He was salutatorian of Batesville High School's 1992 graduating class.

## A-TEAM

CONTINUED FROM PAGE 1

tion at Rose-Hulman. Tours usually last an hour or more, in which time guides can discuss a variety of topics, from civil engineering labs to how much laundry costs.

For Parker, the only admissions counselor who remains on-campus throughout the fall, the A-Team makes it possible for her to accommodate all scheduled guests and drop-in visitors.

"They are my saviors," she claims.

Each member of the A-Team works in the admissions department about six to seven hours a week. Most visitors arrive on campus either at 9:00 in the morning or about 1:30 in the afternoon, so students are always available at those times.

Last year, scheduling help was somewhat of a concern for the department, so this year it doubled the size of the A-Team. This has increased the department's flexibility to handle visi-

tors and eased the burden placed on a smaller group.

Parker says that this year the hours have worked out perfectly and that everyone is happy with the time they spend working at admissions.

In addition to campus tours, the team will begin two calling campaigns. The first will be to reach students who visited during the summer.

Participants of Catapult will be phoned to allow them the opportunity to talk directly with a Rose student. Campers had little chance during the summer to see Rose as it would look on a typical day and meet peers to discuss college and opportunities awaiting them.

The second campaign will be an effort to reach those students who may not have the ability to make a personal visit to Rose. The phone call is designed to give these interested students a way to express questions or concerns.



## SAINT JOSEPH'S CAMPUS CENTER

113 South 5th Street • Terre Haute, Indiana 47807  
(812) 232-8088

### September Schedule of Events



**Every Tuesday Evening: Volleyball in the Campus Center Gym. First serve is at 7:30. Bring a friend!!**



**Saturday, September 9th, at 5:00 pm: Outdoor Mass, followed by cook-out and games. Rose Hulman Institute. Sponsored by St. Joseph Campus Center and open to all students. Call the Campus Center for further info.**



**Sunday, September 10th, at 7:00 pm: Mass of the Holy Spirit followed by an informal reception in the Campus Center. Come worship and meet with the members of the parish and this year's Student Council! Refreshments will be served at the reception.**



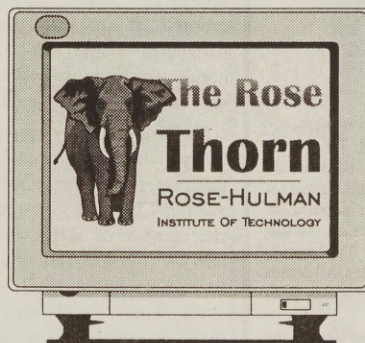
**Saturday, September 16th : Canoe Trip!! Under planning. Call the campus center if you're interested!**



**Friday, September 22nd, 8:00 pm - ??? : Open House!! (Un-lock-in!) Games, food, and fun at the Campus Center! Come and meet others!**



**Bible Study : Dates to be announced Call the Campus Center if interested**



**The Rose  
Thorn is  
on the Net.**

[HTTP://www.rose-hulman.edu/~lawrenc/thorn](http://www.rose-hulman.edu/~lawrenc/thorn)

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## Naval warfare now a high tech business



**George Will**

Syndicated  
Columnist  
The  
*Washington Post*

ABOARD THE USS COWPENS, UNDER WAY OFF SAN DIEGO--In the perpetual dusk of the combat information center, which is illuminated by the glow of display screens all around, the soft clicking of computer keys is suddenly punctured by a shrill whistle that signals a disagreeable development: an anti-ship missile, incoming. Disagreeable, but all in a day's work for the crew of this guided missile cruiser. The Cowpens illustrates how the Navy fulfills multiplying missions with fewer ships.

Today's drill is simulated war-fighting involving multiple threats, including enemy ships, submarines, aircraft and missiles. Such training is much of what the armed forces do in peacetime. In his history of the Navy, Capt. Edward L. Beach estimates that prior to Pearl Harbor the Navy had had only 56 hours of combat. Most of its time went to training, the fruits of which were reaped after Pearl Harbor.

But ships such as the Cowpens, a marvel of naval architecture, do not just defend themselves and nearby ships. Within its 567-foot length, the Cowpens bristles with offensive powers such as torpedo launchers, vertical guided missile launchers, and Tomahawk

cruise missiles of the sort it fired 10 of into Iraq in a post-Gulf War flare-up in January 1993. And such ships are acquiring an ability to defend forces ashore with theater anti-ballistic missiles. (About 22 nations now have Scud or similar missiles.)

America has been a source of fine naval architecture for three centuries, since England, its forests vanishing, began coveting North America's tall, straight pines and firs for ships' masts. And when the British navy was "the wooden walls of England," no wood was harder than that from live oaks from America's South.

Today the 11,000-ton Cowpens, named for the South Carolina site (then pastureland, now a town) of a 1781 Revolutionary War victory, prances on the ocean's surface like a pony in a pasture. Its gas

### Naval warfare has changed from being one-dimensional to being three-dimensional with submarines and aircraft carriers

turbine engines and reverse pitch propellers enable it to go from 0 to 30 knots in less than a minute and from 30 knots to a standstill in two ship lengths.

Classic naval doctrine taught the concentration of a fleet in order to bring an enemy fleet to battle, as at Trafalgar (1805) and Jutland (1916). But naval warfare in this century changed from being one-dimensional (surface) to being three-dimensional with submarines and air-

craft carriers. The Cowpens, crammed with exotic technologies and computers to control them, expresses the Navy's adaptation to its many post-Cold War missions. This involves a shift away from operations on the sea, to the projection of power from the sea in order to shape events in littoral regions--on or near the shore.

As an instrument of "expeditionary warfare," the Navy, by controlling oceans adjacent to littoral battlefields, can project, with the help of embarked Marines, bombs, missiles, shells, bullets and bayonets. And by being the forward-deployed, on-station forces in an era of fewer foreign bases, the Navy, which boasts of being "first to the fight," can help prevent some fights.

Last October, when Iraqi forces moved toward Kuwait, the Navy quickly added four Tomahawk-firing ships to the four already in the neighborhood, the eight having more Tomahawks than were fired during the Gulf War. The Navy also quickly doubled the aviation power in the region. Iraq pulled back.

Last week, with Jordan perhaps in peril and certainly nervous because it is providing sanctuary to some high-level defectors from Iraq, the Navy had 22 ships in the Mediterranean, 18 in the Persian Gulf and 2,000 Marines on four ships in the Red Sea for joint amphibious exercises that were scheduled with Jordanian forces before the defections from Iraq.

This was a timely demonstration of the fact that there is an unencumbered self-sufficiency about U.S. ships. They can remain on station without any host country's permission, they bring a complete package to a crisis and are more easily reversible than an onshore buildup. That is why the Navy is such a versatile instrument for preventative diplomacy, for controlling crises and for conventional deterrence by swiftly demonstrating intentions and capabilities.

But that assumes the nation, or perhaps more precisely the national leadership, wants to play a proactive role in shaping a benign security environment around the world rather than merely reacting to regional disturbances after they have erupted. If so, ships like the Cowpens come in mighty handy performing tasks from surveillance to missile defense.

Such ships are among the Navy's ingenious responses to the shortsightedness of both political branches in reducing the number of ships while the Navy's missions are multiplying in an increasingly disorderly world. Such ships and their accomplished crews do not come cheap. Except compared to wars.

## Public Notice

### Students punished for racial harassment

I recently submitted two students' essay summaries on "Racism" for publication in the *Thorn*. The students are Chris Wahlman and Jeff Albright.

These two students engaged in harassment of one of our international students last spring. When I learned of their identity, I turned the matter over to the Student Judicial Council of SGA for their recommendations as to penalties for such behavior. Among the penalties, one was to write an essay on "The Effects of Racism: Why It Is Wrong" and further to produce a one-page summary to be published in the *Rose Thorn*.

Dean Lucas

### Racism Must End

Racism has always been a predominant attitude in many Americans. Throughout history, Americans have, in one way or another, taken away from other people's rights. Slavery, the driving of the Native Americans from their homes to large reservations, and the underpayment of the Chinese laborers who worked on the railroads in the high Sierras, are all examples of how some in our society have always put themselves above everyone else.

The plain truth is: racism is wrong. Ridding ourselves of all forms of racism is a goal that everyone should strive to accomplish. The best way to rid ourselves of racism is through education. What better place than in the schools to educate children how to avoid racism? Subjecting students to people who are of a different nationality is a great way to help the students learn about different cultures. This interaction greatly enhances the quality of education that a student would receive.

For example, a college or university that admits people of different races and nationalities would benefit the student by allowing him or her to gain insight into how other people act and think. This experience would pay off in the "real world" as a business person or an engineer. The knowledge that he or she acquires while in school will allow the person to easily cross any cultural or linguistic barriers that may occur.

Learning about other cultures is not only useful in a business sense, but also in that, by learning how others act and feel in certain situations, one can carefully determine how to treat others at any given time. Also, if a person takes the time to learn about other cultures, he or she is less likely to be discriminatory towards other people in that culture. All that people of our society have to do is take the time to interact with people of different nationalities, and racism will end through the will of mankind. This will truly make the world a better place.

Jeff Albright

### Racism: Why it is Wrong

Racism has existed from the earliest of man's days. To think that a society can exist free from racism's clutches is foolish. A multi-cultural society will always have racism in it. Just as  $2 + 2 = 4$ , one culture plus another culture equals...differences. Racism plays upon those differences, twisting and distorting them to cause a rift between cultures. There are three main reasons why racism is wrong: racism suggests that one culture is better than another; racism involves the infringement of other peoples rights; and racism is hate.

Racism suggests that one culture is better than another. How can one culture be better than another? How can one man be "better" than another just by ethnicity or nationality alone? The fact is, he can't. All men are created equally. The only way a man can become better than another one is through his actions.

Racism involves the infringement of other people's rights. There are many ways this can occur. Name calling and racial slurs are probably the most common. Calling a culturally diverse individual names and insulting him or her can be very degrading to that person. Differences in cultures and differences in color make this act all too easy to accomplish.

The most important reason racism is wrong is the fact that it is hate. It cannot exist without hate. Hate drives it, feeds it, and warps the differences in cultures to form the monster that we call racism.

We must remember that racism is wrong and that all cultures are equal. Everyone has his or her own rights, which should not be violated. Most importantly, though, we must stop the hate.

Chris Wahlman

## The Rose Thorn

5500 Wabash Avenue, Box 2034  
Terre Haute, Indiana 47803-3999  
Phone: (812) 877-8255

Editor-in-Chief **Frank Pfeiffer**  
Features Editor **Steven Williams**  
News Editor **David Hile**  
Sports Editor **Chip Bradway**  
Campus Editor **Brett Jones**  
Layout Editor **Chris Lawrence**  
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Photographers **Chris Dolphy and Ben Jackson**  
Layout **Adriano Silva and Chris Dolphy**

The Rose Thorn is published on Fridays at  
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The Rose Thorn welcomes letters and comments from its readers. We request that all letters to the editor be less than 300 words long. The editors reserve the right to edit letters for grammar, clarity and length (if over 300 words). All letters to the editor must contain the writer's signature, class year and phone number. All submissions will be confirmed before publication. Letters may be sent by electronic mail to [Thorn@Rose-Hulman.Edu](mailto:Thorn@Rose-Hulman.Edu), but still must contain the writer's phone number for confirmation. For prompt publication, letters should be typewritten or printed by computer. All letters for an issue of the *Thorn* must be received before noon on the Tuesday prior to publication.

We would like to remind our readers that the views expressed in the *Thorn* do not necessarily represent the opinions of anyone other than the original author.



# Internships are better than courses at Rose

by Frank Pfeiffer  
Editor-in-Chief

\$8.50 an hour.

Now I was being asked to run errands that involved crunching numbers and doing legwork. I conducted time studies in the plant. I shared an office with the plant engineer (a Purdue grad, no less) and had a dumb terminal on my desk. I learned about the planning that goes behind a manufacturing process, and created bills of materials for costing analysis.

The workers knew me, and could chat with me while I did my time studies. I listened to their problems, and when they had a legitimate gripe, I took it straight to the company president. They felt more comfortable with me than with some office geek with a stopwatch.

This summer, I really felt like I had arrived. I was welcomed into R&D, the inner sanctum where ideas flow unimpeded and requisitioning raw materials is as easy as paging the purchasing agent. I had a full-sized drafting table and a 90 MHz Pentium computer. I attended staff meetings, and even held some of my own. Retail price for this engineer-wannabe: \$11.50. Life is good.

## Above all, I learned to work with people

My job this summer lasted ten weeks, just like a course at Rose. My first day on the job, I was given an idea to develop, design, and build. A week before I left, I had a half a dozen irons in the fire — projects for purchasing, manufacturing, shipping, and marketing. I sent and received faxes, and made sure that all telephone calls were returned in a timely manner.

On my last day, the company president took the R&D staff and me out to lunch. This wasn't just my final exam.

This was my final grade.

"The first year," said the president, "we didn't know what to think, so we tried you out all over the place." What the first year taught me was the product. I knew the product better than any individual on the line, because I had worked every job on the line. I knew more than the head supervisor himself, from my observations of how each person did their particular part.

"Last year," he continued, "we wanted to make better use of you. It isn't easy to find someone who is intelligent and can actually read and do simple arithmetic." My work with bills of materials took my knowledge of the product a step further. Now I knew the product right down to the 56 Stanley-Bostitch #4023 9/16-inch staples that went into every piece that went down the line.

"This year, we said, 'Now let's see what he's really worth.' I think that even we were surprised." This summer I worked on several projects that had the potential of saving a little money, at the same time changing the manufacturing process. I learned much of the considerations that must go into an engineering change. I learned about the economics of labor and the true power of worker confidence.

But above all, I learned to work with people. I learned how to get an uneducated person to give useful data, how to improve their working conditions while giving them credit as an incentive to make a positive change. I learned about real-world problems, and began to create real-world solutions. And now I feel confident that, wherever I work in the future, I'll always know what I'll be doing today, tomorrow, and a week from now.

# Portable Frustration

by Eric Schmidt  
Thorn Columnist

It seems to me that life would almost be simpler around here without the AMS Soundwave laptops. True, I'm working with one right now, but all the networking problems and beginner's frustration have culminated in a significant rise in Tylenol stock. As we all know, the e-mail system is working on a send-only basis (if you're lucky), and laptop owners are going into conniptions trying to print their assignments half a click away.

When the system eventually runs nearly flawlessly, we'll find that the laptops save valuable time and energy, and sleep may finally become a reality. Until then, I figure we'd better just laugh it off, before it weighs us down.

## Computroubles

So now we've got these great machines Well-advertised, and highly rated But is the current rumor true That by next week they'll be outdated?

And if not, we're still in trouble (On the Net our homework lurks) So do we fail our classes If the network goes berserk?

This system has its problems (As I may never get my mail) And I hope insurance saves me When my surge protector fails

So we've got these new computers That work fast and run about But God protect our hard drives When the power flickers out.

# Faulkner demanded too much

by Greg Hawkins  
Thorn Columnist

While watching my favorite television show this summer, "Headline News," I followed one of the most interesting stories of the season. This story was Faulkner versus the Citadel. In light of our recent conversion to a coeducational institution, I feel that this story and its underlying meanings are of utter importance to us all.

When the case began two years ago, I wondered why one female would attempt to pursue an education at such a difficult institution. I have heard many stories of how the upperclassmen initiated the freshmen and how it was very damaging physically and more so psychologically.

At that point I had a large amount of respect for Faulkner. It reminded me of the revolutionary Brown vs. The Board of Education of Topeka desegregation case. The plight of women I consider to be much like that of blacks. It is a constant endeavor of ours to prove that we can achieve and be intellectually equal. This has in the past been met with much dissension, very similar to what many women experienced.

Chief Justice Earl Warren, at the time of the decision, stated that "separating them from others solely because of their race [gender] generates a feeling of inferiority... That may affect their hearts and minds in a way unlikely ever to be undone."

When she was allowed admission into the institution this summer, I was proud of her until I heard of the extra court-ordered amenities that she received. After she was granted admission, the court supported demands for a room with more lighting, horizontal blinds, security cameras outside her door and deadbolt locks on the doors. All of those provisions I could deal with because I can envision what the males would have done to her had they been given the chance.

It was the court-ordered "extra time in the morning to get ready," the waiving of the required "buzz cut," and the court-ordered disregard for the school's weight restrictions that upset me. Those extra rulings were absurd and, I believe, were only a way for Faulkner to flex her judicial might.

What she didn't know was they were essentially setting her up for failure. At an institution such as the

Citadel, they have specific restrictions for the proper reasons. The weight restriction, for example, is probably set because it would be very difficult to succeed if you are overweight. I am not saying that obese people should not be given a chance because they may not be able to do it, what I'm saying is let's be realistic here.

If I only have one leg I'm not going to challenge Carl Lewis in the 400 meter dash. I know that I am going to be defeated, so why not make myself better and then challenge someone whose skill is comparable to mine. No one likes to be defeated: therefore we should set ourselves for defeat at such high levels.

I've lost all respect for Faulkner because she overused the court system, causing her to fail. I am completely in agreement with her joining, but changing important rules like those she did was incorrect.

I also remember from the Brown vs. Board case, one quote reads, "Separate educational facilities are equal," which is the mainly the reason why I support Rose going to a co-ed institution.

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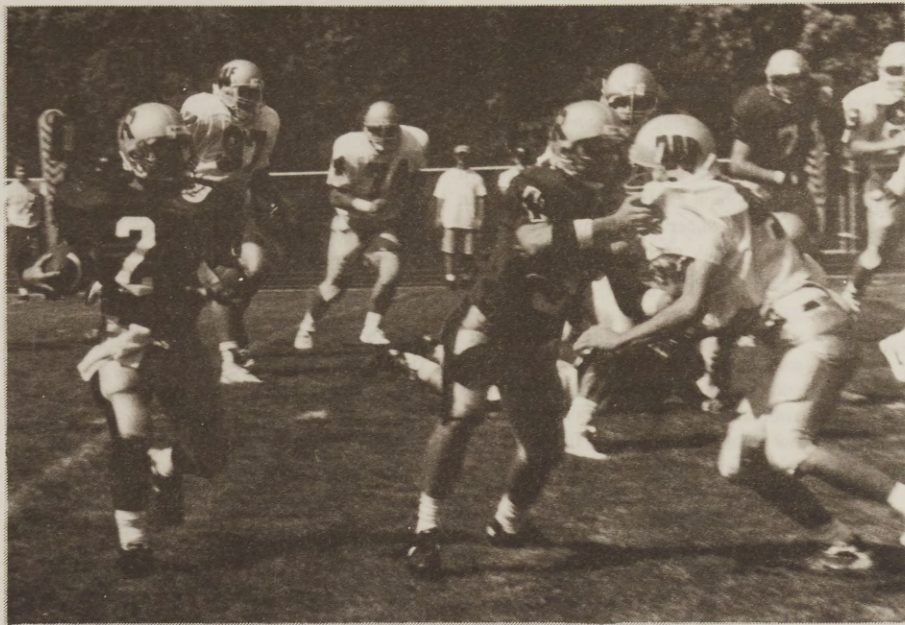
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# Wash U. Bears spoil Engineers' season opener, 43-32



Junior halfback A.J. Wilkerson looks for room to run against Washington University. Wilkerson scored a touchdown in the game. Blocking for A.J. is junior receiver Billy Hammond.

by Joel Gillespie  
Sports Reporter

Two high-powered offenses squared off Saturday at Francis Field in St. Louis, Missouri. A high score would be expected in such a matchup, and that was definitely the case as the Washington University Bears scored two late touchdowns to outscore the Rose-Hulman Engineers, 43-32.

The Engineers will try to bounce back this Saturday in Jackson, Miss., against the Mississippi Majors. The Majors, members of NCAA Division III and the Southern Collegiate Athletic Conference, are coming off a 4-6 season. The Engineers last played the Majors in 1989, when the teams fought to a 7-7 draw. Kick-off will be at 1:30 p.m. Saturday.

Rose's offense showed signs against Washington of again being the dominant force it was in 1994, as it piled up 381 total yards, 329 of those on the ground. Senior quarterback Todd Harris ran the option offense efficiently, picking up 177 yards and one touchdown on 29 carries. Harris' efforts earned him co-ICAC of-

fensive player of the week honors.

The Engineers were forced to punt on their opening drive, but Sean Phillips' boot wasn't handled by the Bear receiver, and the Engineers recovered on the Washington 13. Four plays later, junior fullback Stuart Quay was in the end zone, and Rose had itself a 7-0 lead following Phillips' PAT.

The Bears fumbled again on their next drive, setting up another Quay touchdown plunge from a yard out. That gave the Engineers a 14-0 lead only ten minutes into the first quarter.

On their ensuing drive, the Washington offense started clicking. The Bears marched 74 yards on nine plays, capping the drive with a 15-yard scoring strike from Thor Larson to wideout Isaac Mosley. That narrowed the Engineers' lead to 14-6.

In the middle of the second quarter, Washington's offense found itself stalled at midfield. The Bears lined up in punt formation, but with Larson, the quarterback, at the upback position. Larson handled the snap and hit a wide-open receiver for a 49-yard score. The Bears added another touchdown later in the quarter to take an 18-14 lead.

Rose had a 66-yard drive right before halftime, but they had to

settle for a 24-yard field goal and an 18-17 halftime deficit.

After halftime, the Bears' offense continued to impress, notching a touchdown and a field goal on their first two drives to open a 28-17 lead. The Engineers answered with a touchdown by junior running back A.J. Wilkerson to pull within three 28-25.

Early in the fourth quarter, Todd Harris punched the ball in from the one to cap a drive which covered 55 yards in nine plays, all of which were runs. The extra point gave the Engineers a 32-28 cushion.

The Bears answered with a 13-play touchdown drive that ate up valuable time. With 5:05 remaining in the game, the Engineers, trailing 36-32, had the ball. After three plays which netted one yard, the Engineers elected to go for it on fourth down and nine to go. Harris dropped back to pass, but he was sacked for an eight-yard loss. The Bears took over on the Rose 30-yard line and scored an insurance touchdown four plays later.

With less than two minutes remaining, the Engineers, needing a quick score, took over on offense. However, an interception on the Washington 15 stopped the drive, and the Bears ran the clock out.

File photo

## Men's cross country team heads to Millikin

by Mark Law  
Sports Reporter

The men's cross country team finished third last week at the Indiana State Sycamore Pride Cross Country Carnival behind Division I Indiana State and Ball State. The Engineers defeated the University of Evansville and ICAC foe Franklin College.

Nate Terpstra and Jason Long led the way, completing the flat 5K course with a time of 16:33 and 16:34, respectively. Mark Law, Kenny Anderson,

and Jared Cornelius also scored, while freshman Dan Brier and Ryon Sumner rounded out the top seven for the Engineers.

Coach Welch asserted that the team showed improvement over the previous week's race and stated that he was "pleased with the overall performances." Welch also felt that the squad showed more aggressive running over the course of the race.

The Engineers' next race is a four-miler this weekend at the Milikin Invitational in Illinois.

### Results from the Indiana State Cross Country Carnival (5K)

Name	Time	Place	Name	Time	Place
Nathan Terpstra	16:33	23	Ryon Sumner	17:23	41
Jason Long	16:34	24	Bryan Gill	17:46	43
Mark Law	16:44	29	Daniel Tews	18:02	48
Kenny Anderson	16:45	30	David Sandquist	18:05	49
Jared Cornelius	17:09	36	Daniel Hohne	18:28	51
Daniel Brier	17:11	37	Eric Wind	19:10	54

## Rose-Hulman Intramural Information

- A sign-up sheet is located on the IM board next to the mailroom for a Fall intramural tennis tournament. The deadline for sign-up is Wednesday, September 13.
- Intramural registration forms for coed volleyball and football are now available from Coach Ruark in the Fieldhouse. The deadline for entering is Thursday, September 14.

## Soccer opens 1995 season at home

The season is finally here for the Rose-Hulman soccer team, which closed out the pre-season with a 3-0 win over Purdue University last Wednesday.

Head Coach Greg Ruark's team hosted Marian College Tuesday at 4 p.m. to kick off the 1995 season. The Engineers have a busy week scheduled, with games both Saturday and Sunday at the Centre College Tournament in Danville, Ky.

Rose-Hulman will play host Centre College at 4 p.m. Saturday, and will face Transylvania University at 1 p.m. Sunday before returning home.

Senior captain Gabe Ferland scored his fourth goal of the exhibition season and added an assist in the Engineers' blanking of Purdue last week.

Ferland will set a school record with every goal and every assist he scores this season. He holds the school record for goals with 34 and assists with 14.

Fellow senior captain Robb McGhie scored a goal, along with sophomore Brett Kleeberger. Junior Cory Willis started in goal for the Engineers.

"We've played 150 minutes in the exhibition season and have only given up one goal," said a



Sophomore Kevin Kayser plays the ball during recent action for the Engineers.

File photo

pleased Ruark.

"We are in decent shape, and we know that fitness will win some games this year. We have to be fit because we are not sure how deep our bench is going to be," Ruark said.

### 1995 Soccer Schedule

Sept. 9	at Centre College	4 p.m.	Oct. 12	at Hanover College *	3:30 p.m.
Sept. 10	vs. Transylvania	1 p.m.	Oct. 15	at St. Joseph's	6 p.m.
Sept. 13	at Earlham College	4 p.m.	Oct. 17	Grinnell College	3 p.m.
Sept. 16	U. of Indianapolis	11:30 a.m.	Oct. 21	at Wabash College *	1 p.m.
Sept. 23	at MacMurray	11 a.m.	Oct. 25	Franklin College *	3 p.m.
Sept. 27	Anderson University *	4 p.m.	Oct. 28	Manchester College *	11:30 a.m.
Sept. 30	North Central	3 p.m.			
Oct. 3	at DePauw University *	3 p.m.			
Oct. 6	Indiana State (exib.)	4 p.m.			

Home games are in boldface.

\* Denotes ICAC game



# Move aside, Herbie Cornhusker: University of Nebraska's "outdated" mascot to be replaced

by Paula Lavigne  
and Trevor Parks  
College Press Service

His job was to excite fans on the sidelines, but the key to Herbie Husker's survival depended on whether or not he excited University of Nebraska fans in the stores.

This summer, UN athletic administrators announced their decision to replace Herbie, said Al Papik, senior associate athletic director. A new mascot will be approved by Athletic Director Bill Byrne, who was out of the country when this story went to press.

Chris Anderson, director of Nebraska Sports Information, said the decision to replace Herbie was based on a survey of 900 season ticket holders and recruiting, marketing and public feed-

back.

Physical appearance, age, gender and racial issues made Herbie's popularity wane.

"People felt he was very outdated," Anderson said. "He was a misrepresentation of farming and agriculture."

Beginning in 1974, Herbie filled a void for a football team without a mascot. Gradually, the burly guy with a football tucked under one arm and a corn cob sticking out of his pocket became part of Cornhusker football tradition.

Anderson said Herbie didn't sell, but representatives at local retail stores said sales showed

otherwise.

Jim Cornell, general manager of Nebraska Bookstore, said Herbie sold on everything from cof-

**"People are seeing them as collector's items. They'll still buy Herbie. He's still the mascot in the fans' eyes."**

- Jim Cornell, general manager of Nebraska bookstore

fee mugs to golf club covers.

"Herbie's always sold well," Cornell said. Gwen Plummer, assistant manager at

University Bookstore, said out-of-state customers recognized Herbie as the Nebraska mascot. He sold better to those customers than to college students, she said.

And Herbie merchandise always has moved off the shelf at the Big Red Shop, selling as well as other Cornhusker items, said manager Loraine Livingston. After the announcement was that

Herbie's mascot days were over, Cornell said, sales at Nebraska Bookstore "shot through the roof."

"People are seeing them as collector's items," said Cornell of Herbie merchandise. "They'll still buy Herbie. He's still the mascot in the fans' eyes."

Nebraska fans, regardless of whether they're nostalgic about Herbie, are encouraged to offer new mascot suggestions. Marketing Director Heidi Cuca said a committee was taking ideas from the public.

The 21 -year-old mascot will remain a licensed logo of the University of Nebraska, she added. Cuca said the athletic department had an outline of what to look for in the new mascot.

"We're looking for something that's athletic; we're looking for something that's strong; we're looking for something that's powerful and can entertain," Cuca said. "We want something that will represent Nebraska well anywhere, whether it's New York City or Lexington, but we're kind of struggling." Meanwhile, Herbie will continue to exist off the field.

The department's research found Herbie appeals to children. He will greet people outside the stadium before football games and continue to be involved in youth activities, Papik said.

"Herbie's not dead."

## Liberty football team drops suit alleging NCAA rule unconstitutional

CPS — Liberty University's football coach and several players dropped their lawsuit against the National Collegiate Athletic Association after the NCAA issued a "clarification" of its policies for praying on the field.

The university, founded by Jerry Falwell, filed a lawsuit Aug. 31 in federal court alleging a NCAA rule against praying after games is unconstitutional.

Sam Rutigliano, coach of the Christian university's Division I-AA Flames, and four of his players wanted to challenge a NCAA sportsmanship regulation that says kneeling in prayer after scoring a touchdown is unsportsmanlike. The lawsuit claimed the NCAA rule violates both freedom of religion and the 1964 Civil Rights Act.

"Why should you — the NCAA — tell me where I need to pray?" Rutigliano told

about 150 students at a press conference at the school on Aug. 31, the day he and the players asked a U.S. District judge for a temporary restraining order against the rule.

The NCAA instituted the sportsmanship regulations three years ago when a growing number of players began choreographing fancy dance moves after scoring touchdowns, removing their helmets to pose for cameras, and excessively taunting opponents.

A NCAA spokesman said the organization does not want to eliminate enthusiasm about the game, but seeks to limit players' "excessive celebrations" that draw too much attention to themselves and detract from the game. The NCAA keeps a videotape of examples of unsportsman-like behavior, which includes kneeling in the end zone after

scoring a touchdown, he said.

On Sept. 1, Vince Dooley, chairman of the NCAA Football Rules Committee, issued a clarification, adding, "It is not the intent of the Football Rules Committee to prohibit prayer on or off the playing field."

"Players may pray or cross themselves without drawing attention to themselves," Dooley said in a memo. "It is also permissible for them to kneel momentarily at the conclusion of play if, in the judgment of the official, the act is spontaneous and not in the nature of a pose."

Kathryn Reith, NCAA's director of public information, said that the federal court had told Liberty and NCAA officials to work out a solution.

"People jumped to conclusions that any type of religious expression is unac-

ceptable because of the tape," Reith said. "We have sent out memos to all NCAA coaches and athletic directors clarifying the rule, which allows a sign-of-the-cross or a kneel in the end zone as long as the player does not take an excessive amount of time or draw attention to himself."

Religious broadcaster Jerry Falwell, who founded and is chancellor of the private Christian college, earlier told the Associated Press that the NCAA "has enough problems with drugs and crime and violence, sex and rape," without considering prayer a problem, too.

Rutigliano told his players if they feel inspired to kneel after a touchdown, go right ahead. Liberty University would accept the NCAA punishment — a 15-yard penalty on the kickoff.

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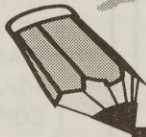
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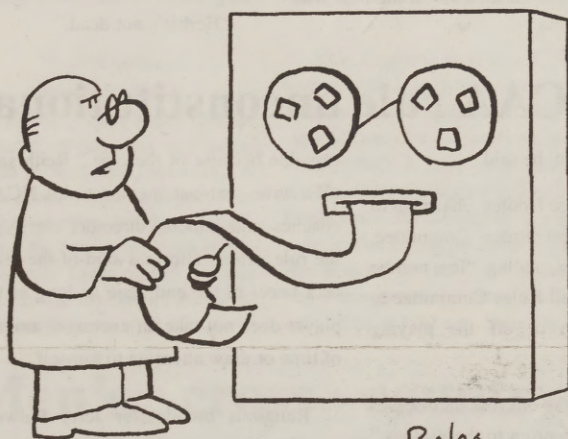
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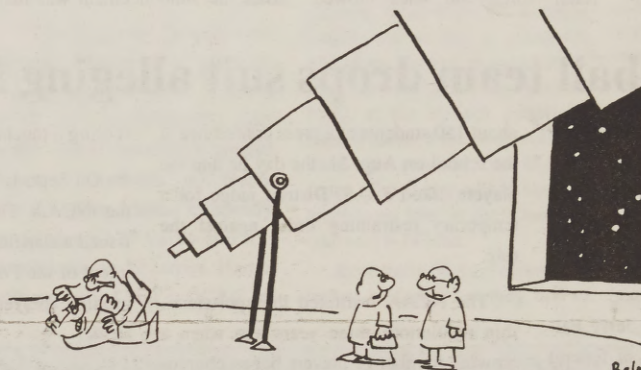
10. Make all phones dial 8911 when picked up.
9. Replace Gary Flora with Playboy centerfold and former cop Carol Shaya.
8. "Pre-burn" all offices to save time on arson investigations.
7. More strip searches.
6. Ban the seditious *Quarterly*.
5. Give up on protecting the Berlin Wall.
4. Start offering Blue Light Specials at the emergency call boxes.
3. Bring in Calvin Klein to design new Security uniforms.
2. Make all students park at Bigfoot.
1. Hire Mark Furman.

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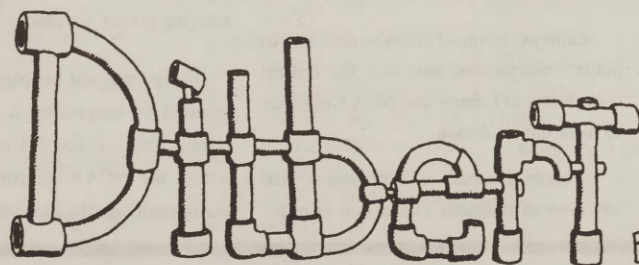
FACULTY & FRIENDS DISCUSSION GROUP will meet on Fridays at 7:30-8:45 a.m. beginning Sept. 29 to read and discuss Parker Palmer's "The Active Life: Wisdom for Work, Creativity, and Caring." Convenor: Dr. William Hughes, ISU faculty. Place: United Ministries Center, 321 N. 7th St. Call 232-0186 to order book.

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By Scott Adams

